

**INDIANA STATE DEPARTMENT OF HEALTH
Laboratory Resource Center
Environmental Laboratory Division**

AUDIOVISUAL AIDS FOR LOAN

A. CDC LABORATORY UPDATE SERIES

Each sound-slide presentation consists of 2 x 2 color slides, a tape cassette, and a handout. They require only a standard cassette player, 35mm slide projector and screen. Programs run approximately 30 minutes. An "*" after the Set. No. denotes a short program, about 15 minutes or less.

Set. No.	No. of Sets	AV Title	Key Title Words
CDC-76-1		Immunodiagnostic Tests For Autoimmune Diseases	tests autoimmune
CDC-76-3		The Quality Control Of Laboratory Plating Media For Gonococcus And Other Bacterial Agents	qc media
CDC-76-6	2	Radioimmunoassay. Part III. Routine Quality Control In RIA	ria iii
CDC-76-7		Identification Of Intestinal Protozoa. Part I. Amebae In Stained Fecal Preparations	id protozoa i
CDC-76-8		Identification Of Intestinal Protozoa. Part II. Amebae And Flagellates In Wet Mounts	id protozoa ii
CDC-77-10	3	Leukocyte Morphology In Healthy And Diseased States. Part I. Granulocytes And Monocytes	leukocyte i
CDC-77-11	3	Leukocyte Morphology In Healthy And Diseased States. Part II. Lymphocytes And Plasma Cells	leukocyte ii
CDC-77-12	3	Leukocyte Morphology In Healthy And Diseased States. Part III. Acute Leukemias	leukocyte iii
CDC-77-13	2	Isolation And Identification Of Streptococci. Part I. Collection, Transport And Determination Of Hemolysis	streptococci i
CDC-77-14	2	Isolation And Identification Of Streptococci. Part II. Extraction And Serological Identification	streptococci ii
CDC-77-15	2	Isolation And Identification Of Streptococci. Part III. Presumptive Identification Of Streptococci By Non-Serological Methods	streptococci iii
CDC-77-17	2	Identification Of Neisseria Gonorrhoeae. Part I. Cultivation And Presumptive Identification	n. gonorrhoeae i
CDC-77-20		Optimizing Spectrophotometric Measurement	spectrophotometer
CDC-75-21		Statistical Aspects Of Quality Control In Clinical Chemistry	qc chemistry
CDC-75-22		Disc Agar Diffusion Susceptibility Test	disc agar diffusion
CDC-76-24	2	Safety Management In The Laboratory	safety management
CDC-78-32		Identification Of Intestinal Helminth Eggs And Larvae	id helminth
CDC-78-33		Collection Of Satisfactory Fecal Specimens And Storage And Handling Of These In The Laboratory	fecal specimens
CDC-78-34		Evaluation Of Techniques For Examining Fecal Specimens And Establishment Of A Laboratory Routine	techniques fecal
CDC-78-35	2	Preparing And Staining Fecal Smears And How To Correct Problems And Errors	staining fecal
CDC-78-36	2	Preparing And Staining Blood Films For Diagnosis Of Parasitic Infection	staining blood
CDC-78-37	3	Controlling Infectious Aerosols In The Laboratory	infectious aerosols
CDC-78-39*		Rubella Screening And Control	rubella screening
CDC-78-40		Serodiagnosis Of Streptococcal Infection (ASO-ADB Tests)	asb-abs tests

Set. No.	No. of Sets	AV Title	Key Title Words
CDC-78-41		Use of the Anaerobic Glove Box	glove box
CDC-78-42		Detection of b-Lactamase In Neisseria Gonorrhoeae And Haemophilus Influenzae	b-lactamase
CDC-80-47		The Histopathology Of Legionnaires' Disease Pneumonia	histopath ld
CDC-78-48		Demonstration Of Legionnaires' Disease Agent In Tissue-- Recent Application Of Dieterle's Spirochete Stain	ld in tissue
CDC-81-49		Automatic Data Processing In Health Related Laboratories	data processing
CDC-81-50		The Gamma Scintillation Counter. Part I. Description Of Its Circuits And Their Functions	scintillation i
CDC-79-52		Examination Of Bone Marrow	bone marrow
CDC-81-53		The Laboratory Diagnosis Of Infectious Mononucleosis	infectious mono
CDC-79-54		Quantifying 0 And C0 In Blood	0 c0 blood
CDC-79-55		Latex Agglutination Test For Cryptococcus Neoformans Antigen	latex agglu crypto
CDC-79-57		Mycology: Preparation And Reading Of Direct Smears	mycology smears
CDC-79-58		Clinical Chemistry Methods. Part I. Selection And Evaluation	clinical chem i
CDC-81-61		Chromosomes And Disease. Part I. Overview	chromosomes i
CDC-79-62	2	Platelet Function And The Clinical Laboratory	platelet function
CDC-79-63		Handling And Storing Chemicals Safely	chemical safety
CDC-79-69		Rapid Laboratory Diagnosis Of Viral Diseases By Immunofluorescence	viral fa
CDC-79-70	2	Basic Clinical Microbiology. Part I. Host-Parasite Relationships	basic micro i
CDC-79-71		Part II Sterilization And Disinfection	
CDC-79-72		Principles Of Enzyme Immunoassay	enzyme immuno
CDC-81-74		Certification Of Health Laboratory Personnel By Professional Organizations	certification
CDC-80-76		The Human Complement System. Part I. Components, Function, And Activities	complement i
CDC-81-78*		The VDRL Test. Part I. Preparation Of A Needle For Antigen Suspension	vdrl i
CDC-81-79*		The VDRL Test. Part II. Preparation Of Antigen Suspension	vdrl ii
CDC-80-80		The Fluorescent Microscope	fa scope
CDC-81-82		The Human Complement System. Part III. The Role Of Complement In Human Disease And Host Defense Against Infection	complement iii
CDC-82-83		Electrophoresis: Principles And Applications. Part I. Principles And Theory Of Electrophoresis	electrophoresis i
CDC-80-87		Standardization Of Erythrocyte Suspensions. Part I. Centrifugation Method	erythro
CDC-80-88		Standardization Of Erythrocyte Suspensions. Part II. Spectrophotometric Method	erythro
CDC-81-91		Rapid Identification Of Genital Herpesvirus	rapid id herpes
CDC-8092		Microhemagglutination Assay Methods In The Diagnosis Of Syphilis	microhemagglu
CDC-80-94	2	Basic Clinical Microbiology. Part III. Specimen Collection And Handling. A. An Overview	basic micro iiia
CDC-80-95	2	Basic Clinical Microbiology. Part III. Specimen Collection And Handling. B. Selection, Collection, And Transport Of Bacteriological Specimens	basic micro iiib
CDC-80-96	2	Basic Clinical Microbiology. Part III. Specimen Collection And Handling. C. Processing Clinical Specimens In The Bacteriology Laboratory	basic micro iiic
CDC-80-97		Laboratory Use Of Radioactive Material. Part I. Basic Radiation Concepts	radioactive i
CDC-80-98		The Human Complement System. Part II. Laboratory Measurement Of Complement	complement ii
CDC-80-99	2	Antimicrobial Susceptibility Testing Of Anaerobic Bacteriology	susceptibility
CDC-80-100	2	Laboratory Investigation Of Transfusion Reactions	transfusion

Set. No.	No. of Sets	AV Title	Key Title Words
CDC-81-101		Alcohol. Part I. Pharmacology	alcohol i
CDC-80-102		Alcohol. Part II. Laboratory Methods	alcohol ii
CDC-80-104		Analytical Methods In Laboratory Management. Part I. Productivity.: Measurement And Analysis	lab management i
CDC-81-106		Analytical Methods In Laboratory Management. Part II. Capital Budgeting. A. Introduction And Unsophisticated Methods	lab management iia
CDC-81-107		Analytical Methods In Laboratory Management. Part II. Capital Budgeting. B. Time Value Of Money And Sophisticated Methods	lab management iib
CDC-81-108		Polychlorinated Biphenyl Determination At Parts-Per-Billion Level In Serum	pcb in serum
CDC-80-109		Isolation Of Chlamydia Trachomatis In Cell Culture	chlamydia
CDC-80-110	3	Specimen Collection For PKU And Hypothyroidism Screening	specimen
CDC-81-111		The Viral Test. Part III. The Qualitative And Quantitative Procedure On Serum	vdrl iii
CDC-81-112		Rocky Mountain Spotted Fever Part I. A Continuing Health Problem	rocky mt. spotted
CDC-81-113		Immunohematology Techniques. Part I. The Direct Antiglobulin	immunohematology i
CDC-85-115		What's New In Enterobacteriaceae Nonemclature And Identification	enterobacteriaceae
CDC-81-118		Laboratory Use Of Radioactive Material. Part III. Radiation Contamination Surveillance	radioactive iii
CDC-84-121		Immunologic Assessment Of Viral Hepatitis: Part II Hepatitis A And Non A, Non B Hepatitis	hepatitis
CDC-81-124	2	Preservation Of Cells In The Frozen Side	preservation cells
CDC-81-125		Reconstitution Of Frozen Cells	reconstitution cells
CDC-85-126		Mycoplasma Contamination Of Cell Culture, Part I Sources And Effects Of Mycoplasma Contamination Of Cell Culture	mycoplasma contam.

B. CDC UPDATE SPECIAL SERIES

Presentations usually run longer than 30 minutes. They consist of 2 x 2 color slides, tape cassettes, and may or may not include handouts. Materials in addition to a standard cassette player, 35mm slide projector and screen may be required. Some programs are self-instructional and student responses are requested.

-

LABORATORY DIAGNOSIS OF MALARIA

Set No.	No. of Sets	AV Title	Key Title Words
		The following 6-part-series is designed as self-instructional Lessons. The student is expected to respond to specific Instructions (for example, to draw diagrams or answer Questions) and to identify organisms or structures in quiz slides.	
CDC-79-001		Part I. Identification Of Growth Stages In Stained Blood Films (28 Minutes)	id stages malaria
CDC-79-002		Part II. Identification Of Plasmodium Vivax In Thin Blood Films (36 Minutes)	id vivax thin
CDC-79-003		Part III. Identification Of Plasmodium Malariae, Plasmodium Ovale And Plasmodium Falciparum In Stained Thin Blood Films (69 Minutes)	id malaria thin

Set No.	No. of Sets	AV Title	Key Title Words
CDC-79-004		Part IV. Identification Of Plasmodium Falciparum, Plasmodium Vivax And Plasmodium Malariae In Thick Blood Films (67 Minutes)	id malaria thick
CDC-79-005		Part V. Comparison Of Species And Quiz On Species Identification In Thick Blood Films (42 Minutes)	quiz thick films
CDC-79-006		Part VI. Preparation And Staining Of Blood Films For Diagnosis Of Malaria (34 Minutes)	prep stain malaria
CDC-79-007		Morphology Of The Diagnostic Stages Of Intestinal Helminths (50 Minutes) (A Review Program)	morphology
CDC-79-008		Morphology Of The Diagnostic Stages Of Intestinal Protozoa (35 Minutes) (A Review Program)	morphology protozoa
		The following 4-part series provides the basis for a 1-day (7 hour) course workshop. A proctor's booklet gives all directions necessary to set up and conduct the course. Some preparations must be made by the host laboratory. It can also be adapted to individual study.	
CDC-79-009	3	Microscopy In The Tuberculosis Laboratory (4-Part Series) Part I. An Overview Of Microscopy For Mycobacteria Part II. How To Make A Smear Part III. Staining And Examining Smears Part IV. Quiz	microscopy tb
CDC-79-010		Preparation And Examination Of Wet Mounts For Feces Parasitologic Examinations (Self-Instructional)	wet mounts
CDC-79-011	2	The Calibration Of The Ocular Micrometer (Self-Instructional)	ocular micrometer
CDC-80-018		Microneutralization Test For The Detection Of Antibody To Polio (Prerequisite: Some Experience And Knowledge In Virology)	microneutralization polio

- - C. SYNCHRONIZED SOUND-SLIDE SETS

These presentations are synchronized slide-tape programs. There are no vocal instructions for changing slides. Equipment needed are a remote control 2 x 2 slide-projector connected to a 2-track cassette tape player equipped to transmit a slide-changing impulse to the projector, and a screen. Combination player-projection units with synchronization capability, such as the Singer Caramate models, can also be used. Programs run for variable times.

Programs were produced at the Centers for Disease Control (CDC) or jointly by personnel of the Microbiology Division, Indiana State Department of Health (ISDH) and the Department of Pathology, Indiana University Medical Center (IUMC).

Set No.	No. of Sets	AV Title	Key Title Words
17		Laboratory Management (Lmc) Lmc-1 Motivation (CDC, 1974)	motivation
18		Laboratory Management (Lmc) Lmc-2 Laboratory Facilities Planning (CDC, 1974)	lab planning
19		Laboratory Management (Lmc) Lmc-3 Use Of Relative Values To Determine Costs Of Tests (CDC, 1974)	relative values
20		Laboratory Management (Lmc) Lmc-4 Introduction To Cost Accounting And Basic Terms (CDC, 1974)	cost accounting
21		Laboratory Management (Lmc) Lmc-5 Cost Finding Principles (CDC, 1974)	cost finding

Set No.	No. of Sets	AV Title	Key Title Words
22		Laboratory Management (Lmc) Lmc-6 Cost Control Principles (CDC, 1974)	cost control
23		Laboratory Management (Lmc) Lmc-7 Use Of Cost Accounting To Determine Costs Of Tests (CDC, 1974)	cost of tests
24		Laboratory Management (Lmc) Lmc-8 Managing For Results (CDC, 1974)	managing for
25		Handling N. Gonorrhoeae Specimens In The Laboratory	n. gonorrhoeae
26	2	How To Identify Protozoa In Trichrome Stained Fecal Smears (IUMC And ISDH, 1975)	protozoa trichrome
27	2	Whatever Went Wrong With My Trichrome Stain? (ISDH And IUMC, 1976)	trichrome stain
28	2	Wet Mounts And Protozoa (IUMC And ISDH, 1976)	wet mounts protozoa
29		Identification Of Yeasts And Yeast-Like Fungi (IUMC And ISDH, 1976)	id yeasts
30	2	Calibration Of Ocular Micrometer (IUMC And ISDH, 1977)	ocular micrometer
78-52		Legionnaires' Disease - Epidemiological Aspects	legionnaires' dis.
78-53		Legionnaires' Disease - Clinical Aspects	
78-54		Introduction To Laboratory Procedures	lab procedures
78-55		Introduction To Laboratory Procedures - Pathological Aspects	
78-56		Laboratory Safety	lab safety
78-61		Laboratory Safety	
78-57		Indirect FA Tests	legionnaires' dis.
78-58		Isolation Of The Legionnaires' Disease Agent In Guinea Pigs & Embryonated Eggs	
78-59		Initial Growth On Bacteriologic Media: Morphological And Biochemical Characteristics	bacti media
78-60		Growth Requirements: Media Development	
78-62		Direct FA Techniques	elisa
78-63		Microagglutination And Enzyme-Linked Immusorbent Assay (ELISA)	
78-66		Susceptibility In Embryonated Eggs	suseptibility
78-67		In Viro Susceptibility In Guinea Pigs	
78-68		In Vitro Susceptibility To Antimicrobial Agents	
78-69		General Discussion	
1		Laboratory Diagnosis Of Malaria	malaria
6		Collection Of Chick Erythrocytes	erythrocytes
9		The Use Of Triple Sugar Iron Agar And Lysine In The Differentiation Of Enteric Pathogens	enteric pathogens
11		Vibrio Cholerae: Isolation And Identification Procedures	vibrio cholerae
12		Preservation Of Cells In The Frozen State	cell preservation
13		Reconstitution Of Frozen Cells	cell reconstitution
16	2	Isolation And Identification Of Neisseria Gonorrhoeae	n. gonorrhoeae
11211		Anatomy Of A Fall	fall
A33171		The Extra Step	step
33409		Hospital Hazards	hazards
		Laboratory Safety-Chemical	chemical safety
		Direct Isolation Of Histoplasma Capsulatum From Soil	histo/soil

D. VIDEOTAPES

Videotape presentations were produced by the Laboratory Training and Consultation Division, Centers for Disease Control, Atlanta. Equipment for a 3/4-inch videotape cassette will be needed. Most programs run less than 30 minutes. An "*" after the Set. No. denotes an accompanying hand-out.

Set No.	No. of Sets	AV Title	Key Title Words
V500		Clinical Aspects Of The Immunoglobulinopathies (37 Minutes, 1978)	immunoglobulino-pathies
V501*		Controlling Infectious Aerosols. Part I. Precautions In Microbiology (15 Minutes, 1976)	infectious aerosols i
V502*		Controlling Infectious Aerosols. Part II. Minimizing Equipment-Related Hazards (15 Minutes, 1976)	infectious aerosols ii
V503		Word Within A World - The Maximum Containment Laboratory (23 Minutes, 1978)	maximum containment
V504		Enzyme Immunoassay (39 Minutes, 1978)	enzyme immuno
V505		Removal Of Animal Brains For Rabies Testing (21 Minutes, 1978)	removal animal brains
V511		Single Beam Spectrophotometry: Wavelength Calibration (9 Minutes, 1979)	wavelength calibration
V512		Blood Gas Analysis: Tonometry (13 Minutes, 1979)	tonometry
V514		Technique For Making A Slide Culture(12 Minutes, 1979)	slide culture
V515		Flame Photometry (13 Minutes, 1979)	flame photometry
V516		Differentiation Of Enteric Pathogens By TSI And LIA (16 Minutes, 1979)	enteric tsi lia
V519		Auxanographic Methods For Yeast Identification (11 Minutes, 1979)	auxanographic
V520		Introduction To Clinical Gas Chromatography(22 Minutes, 1979)	gas chromatography
V522		Ziehl-Neelsen Staining (7 Minutes, 1979)	ziehl-neelsen
V523		Fluorescent Acid-Fast Staining (9 Minutes, 1979)	fa acid-fast
V524		Primary Isolation Of Mycobacteria Using N-Acetyl-L-Cysteine-NaOH Method (12 Minutes, 1979)	isolation mycobacteria
V525		Drug Susceptibility Testing Of M. Tuberculosis . . . The Direct Test (9 Minutes, 1979)	susceptibility tb direct
V526		Drug Susceptibility Testing Of M. Tuberculosis . . . The Indirect Test (9 Minutes, 1979)	susceptibility tb indirect
V530		General Purpose Narrow Bandpass Filter Photometer(13 Minutes, 1979) (Prerequisite: Basic Knowledge Of Spectrophotometrics)	narrow band photometer
V531		Reflectance Spectroscopy (9 Minutes, 1979)	spectroscopy
V532		Wide Bandpass Filter Photometer (12 Minutes, 1979) (Prerequisite: Basic Knowledge Of Spectrophotometrics)	wide band photometer
V533	VHR	Operation Of The Laminar Flow Biological Safety Cabinet (22 Minutes, 1979)	laminar flow
V534		The Oxidase Test (5 Minutes, 1979)	oxidase test
V535		The Catalase Test (7 Minutes, 1979)	catalase test
V537		Demonstration Of The Microtechnique For Serological Testing (33 Minutes, 1978)	microtechnique
V538		The 3-Day Arylsulfatase Test For Mycobacteria (6 Minutes, 1980)	arylsulfatase
V539		The 3-Day Tellurite Reduction Test For Mycobacteria (5 Minutes, 1980)	tellurite reduction
V540		The Sodium Chloride Tolerance Test For Mycobacteria (6 Minutes, 1980)	nacl tolerance
V542*		The Formalin-Ether Concentration Technique For Stool Examination (12 Minutes, 1980)	fe concentration
V543		The Coagulase Test (8 Minutes, 1980)	coagulase test

Set No.	No. of Sets	AV Title	Key Title Words
V544*		An Exercise In Identifying Health Hazards In A Virus Laboratory (38 Minutes, 1980) Note: Student Responses Involved. Supervisory Personnel Must Be In Charge Of The Showing Of This Presentation.	virus lab hazards
V545		Mouse Inoculation For Clostridial Toxins (9 Minutes, 1980)	clostridial toxin test
V548		In Case Of Accident: Control Of Airborne Mycobacteria	control of airborne mycobacteria
V550		Where's The Radiation? Monitoring A Radionuclide Lab	where's the radiation?
V572		Controlling Infectious Aerosols	controlling infectious aerosols
V576		Nobody's Perfect	nobody's perfect
V8400	VHR	Nucleic Acid Probe Techniques	nucleic acid probe

LABORATORY UPDATES SERIES

4/24/91

Provider	No. Tapes	AV Title	Duration	Key Title Words
Guidance Associate		AIDS Prevention For Laboratory Professionals	30 Minutes	aids, lab staff
Guidance Associate		AIDS Prevention For Nursing Professional	30 Minutes	aids, nursing
Guidance Associate		AIDS, HIV And Sero Conversion	30 Minutes	aids, seroconv.
Guidance Associate		AIDS Prevention For Support Service Employees	30 Minutes	aids, sup. staff
CDC	2	Quality Control In Microbiology	3 1/2 Hour	qc micro
NIH		Working Safety With HIV In The Laboratory	19:30 Minutes	hiv work
EENET	3	Health Concerns In Chemical Emergencies	5:43 Minutes	chemical emergencies
EPA		Lab Compliance With RCRA	22:45 Minutes	lab rcra